

# Regular Expressions (Regex) Cheat Sheet

## Special Characters in Regular Expressions & their meanings

Character	Meaning	Example
<b>*</b>	Match <b>zero, one or more</b> of the previous	Ah* matches "Ahhhh" or "A"
<b>?</b>	Match <b>zero or one</b> of the previous	Ah? matches "A" or "Ah"
<b>+</b>	Match <b>one or more</b> of the previous	Ah+ matches "Ah" or "Ahhh" but not "A"
<b>\</b>	Used to <b>escape</b> a special character	Hungry\? matches "Hungry?"
<b>.</b>	Wildcard character, matches <b>any</b> character	do.* matches "dog", "door", "dot", etc.
<b>( )</b>	<b>Group</b> characters	See example for
<b>[ ]</b>	Matches a <b>range</b> of characters	[cbf]ar matches "car", "bar", or "far" [0-9]+ matches any positive integer [a-zA-Z] matches ascii letters a-z (uppercase and lower case) [^0-9] matches any character not 0-9.
<b> </b>	Matche previous <b>OR</b> next character/group	(Mon) (Tues)day matches "Monday" or "Tuesday"
<b>{ }</b>	Matches a specified <b>number of occurrences</b> of the previous	[0-9]{3} matches "315" but not "31" [0-9]{2,4} matches "12", "123", and "1234" [0-9]{2,} matches "1234567..."
<b>^</b>	<b>Beginning</b> of a string. Or within a character range [ ] negation.	^http matches strings that begin with http, such as a url. [^0-9] matches any character not 0-9.
<b>\$</b>	<b>End</b> of a string.	ing\$ matches "exciting" but not "ingenious"

See also: [Regular Expression Character Classes CheatSheet](#).

This is a work in progress - Questions, comments, criticism, or requests can be directed [Here](#)

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